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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Laurence B. Boucher et al.

Ser. No:

09/067,544

Filing Date: April 27, 1998

Examiner:

Z. Maung

Atty. Docket No: ALA-002

GAU:

2758

For: INTELLIGENT NETWORK INTERFACE SYSTEM AND
METHOD FOR ACCELERATED PROTOCOL PROCESSING

October 19, 2000

Assistant Commissioner for Patents
Washington, D.C. 20231



Third Supplemental Information Disclosure Statement per 37 C.F.R. §1.98

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, applicants bring the following documents to the Examiner's attention, copies of which are enclosed.

Patent Documents

1. U. S. Patent No. 5,678,060 to Yokoyama et al., issued October 14, 1997.

Non-Patent Documents

2. Andrew S. Tanenbaum, Computer Networks, Third Edition, 1996, ISBN 0-13-349945-6.

Remarks

Yokoyama et al. teach header prediction with communication control equipment for an ATM network.

Tanenbaum teaches, on pages 565-567, fast path processing of a Transport Protocol Data Unit (TPDU, defined on pages 484-485). Applicants respectfully submit that Tanenbaum does not teach processing headers sequentially as a group and creating a summary of the group of headers. Applicants also submit that Tanenbaum does not teach

MATCH & RETURN

choosing, dependent on the summary, but instead teaches checking the TPDU.

Applicants further submit that Tanenbaum does not teach the possibility of avoiding processing a packet by the protocol layers, since that processing has already occurred. Moreover, applicants submit that on pages 570-571, Tanenbaum teaches away from protocol processing in hardware.

Should the Examiner have any question regarding these reference documents, he is respectfully requested to call applicants' attorney at the telephone number listed below.


Respectfully submitted,

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee, Label No. EK916904312US, in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on October 19, 2000.

Date: 10-19-2000


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